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B. AMENDMENTS TO THE CLAIMS

1.   (Original)   A method of managing a shared resource, said
     method comprising:
     determining whether a process identifier included in a
          queue corresponds to a read requestor or a write
          requestor;
     allowing the write requestor to write to the shared
          resource in response to the process identifier
          corresponding to the write requestor; and
     allowing one or more successive read requestors to read
          from the shared resource in response to the process
          identifier corresponding to one of the read
          requestors.

2.   (Original)   The method as described in claim 1 further
     comprising:
     setting a resource lock in an available mode;
     setting the resource lock in a read mode in response to the
          first of the one or more read requestors accessing the
          available resource lock; and
     granting each of the read requestors read access to the
          resource lock. _

3.   (Original)   The method as described in claim 1 further
     comprising:
     setting a write wanted flag in response to a write
          requestor requesting a resource lock after the
          resource lock has been set in read mode;
     requesting lock access by one or more read requestors, the
          requesting occurring after the write wanted flag is
          set;

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granting lock access to a first group of the read requestors in response to the first group being included in the one or more successive read requestors; and

denying lock access to a second group of the read requestors in response to the second group not being included in the one or more successive read requestors.

4.   (Original)   The method as described in claim 3 further comprising:

setting a woken up flag for each read requestor included in the first group.

5.   (Original)   The method as described in claim 1 further comprising:

releasing a resource lock; and

granting a requesting process ownership of the resource lock, wherein the requesting process is the first process to request the resource lock after the releasing.

6.   (Original)   The method as described in claim 5 wherein the requesting process does not correspond with any of the process identifiers included in the queue.

7.   (Original)   The method as described in claim 5 wherein the requesting process corresponds with one of the process identifiers included in the queue.

8.   (Original)   The method as described in claim 5 further comprising:

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speeding up processing for one or more read requestors that
acquire the resource lock.

9.   (Original)   The method as described in claim 8 wherein the
speeding up includes granting one or more read requestors a
temporary time slice exemption.

10.   (Original)   The method as described in claim 1 further
comprising:
identifying an upgrader in the queue; and
granting the upgrader a write lock to the shared resource.

11.   (Original)   The method as described in claim 10 further
comprising:
boosting a priority of the upgrader prior to the upgrader
writing to the shared resource.

12.   (Original) An information handling system comprising:
one or more processors;
a memory accessible by the processors;
one or more shared resources;
a nonvolatile storage device accessible by the processors;
and
a shared resource manager, the shared resource manager
including:
means for determining whether a process identifier
included in a queue corresponds to a read
requestor or a write requestor;
means for allowing the write requestor to write to the
shared resource in response to the process
identifier corresponding to the write requestor;
and

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means for allowing one or more successive read requestors to read from the shared resource in response to the process identifier corresponding to one of the read requestors.

13. (Original) The information handling system as described in claim 12 further comprising:

means for setting a resource lock in an available mode;

means for setting the resource lock in a read mode in response to the first of the one or more read requestors accessing the available resource lock; and

means for granting each of the read requestors read access to the resource lock.

14. (Original) The information handling system as described in claim 12 further comprising:

means for setting a write wanted flag in response to a write requestor requesting a resource lock after the resource lock has been set in read mode;

means for requesting lock access by one or more read requestors, the requesting occurring after the write wanted flag is set;

means for granting lock access to a first group of the read requestors in response to the first group being included in the one or more successive read requestors; and

means for denying lock access to a second group of the read requestors in response to the second group not being included in the one or more successive read requestors.

15. (Original) The information handling system as described in
    claim 12 further comprising:
    means for releasing a resource lock; and
    means granting a requesting process ownership of the
        resource lock, wherein the requesting process is the
        first process to request the resource lock after the
        releasing.

16. (Original) The information handling system as described in
    claim 15 wherein the requesting process does not correspond
    with any of the process identifiers included in the queue.

17. (Original) The information handling system as described in
    claim 15 wherein the requesting process corresponds with
    one of the process identifiers included in the queue.

18. (Original) The information handling system as described in
    claim 12 further comprising:
    means for speeding up processing for one or more of the
        read requestors that acquire a resource lock.

19. (Original) The information handling system as described in
    claim 18 wherein the means for speeding up includes means
    for granting one or more read requestors a temporary time
    slice exemption.

20. (Original) The information handling system as described in
    claim 12 further comprising:
    means for identifying an upgrader in the queue; and
    means for granting the upgrader a write lock to the shared
        resource.

21. (Original) The information handling system as described in claim 20 further comprising:

means for boosting a priority of the upgrader prior to the upgrader writing to the shared resource.

22. (Original) A computer program product for managing a shared resource, said computer program product comprising:

means for determining whether a process identifier included in a queue corresponds to a read requestor or a write requestor;

means for allowing the write requestor to write to the shared resource in response to the process identifier corresponding to the write requestor; and

means for allowing one or more successive read requestors to read from the shared resource in response to the process identifier corresponding to one of the read requestors.

23. (Original) The computer program product as described in claim 22 further comprising:

means for setting a resource lock in an available mode;

means for setting the resource lock in a read mode in response to the first of the one or more read requestors accessing the available resource lock; and

means for granting each of the read requestors read access to the resource lock.

24. (Original) The computer program product as described in claim 22 further comprising:

means for setting a write wanted flag in response to a write requestor requesting a resource lock after the resource lock has been set in read mode;

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means for requesting lock access by one or more read
    requestors, the requesting occurring after the write
    wanted flag is set;

means for granting lock access to a first group of the read
    requestors in response to the first group being
    included in the one or more successive read
    requestors; and

means for denying lock access to a second group of the read
    requestors in response to the second group not being
    included in the one or more successive read
    requestors.

25. (Original)   The computer program product as described in
    claim 24 further comprising:

    means for setting a woken up flag for each read requestor
        included in the first group.

26. (Original)   The computer program product as described in
    claim 22 further comprising:

    means for releasing a resource lock; and

    means for granting a requesting process ownership of the
        resource lock, wherein the requesting process is the
        first process to request the resource lock after the
        releasing.

27. (Original)   The computer program product as described in
    claim 26 wherein the requesting process does not correspond
    with any of the process identifiers included in the queue.

28. (Original)   The computer program product as described in
    claim 26 wherein the requesting process corresponds with
    one of the process identifiers included in the queue.

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29.   (Original)   The computer program product as described in
      claim 26 further comprising:
      means for speeding up processing for one or more read
         requestors that acquire the resource lock.

30.   (Original)   The computer program product as described in
      claim 29 wherein the means for speeding up includes means
      for granting one or more read requestors a temporary time
      slice exemption.

31.   (Original)   The computer program product as described in
      claim 22 further comprising:
      means for identifying an upgrader in the queue; and
      means for granting the upgrader a write lock to the shared
         resource.

32.   (Original)   The computer program product as described in
      claim 31 further comprising:
      means for boosting a priority of the upgrader prior to the
         upgrader writing to the shared resource.